

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 0050.1618-000	APPLICATION NO. 09/461,580
I P E INFORMATION DISCLOSURE CITATION IN AN APPLICATION May 9, 2000 (Use several sheets if necessary)		APPLICANT Leonard Guarente, et al.	
		FILING DATE December 15, 1999	GROUP 1643

U.S. PATENT DOCUMENTS

EXAM- INER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
RZ	AA	5,919,618	Jul 6 1999	Guarente et al.	435	6	
RZ	AB	5,874,210	Feb 23 1999	Guarente et al.	435	4	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RZ	AR	Gottlieb, S., et al., "A New Role for a Yeast Transcriptional Silencer Gene, SIR2, in Regulation of Recombination in Ribosomal DNA", <i>Cell</i> , 56:771-776 (1989).
RZ	AS	Tani, T., et al., "Nucleolar Accumulation of Poly (A)+ RNA in Heat-shocked Yeast Cells: Implication of Nucleolar Involvement in mRNA Transport", <i>Molecular Biology of the Cell</i> , 6:1515-1534 (1995).
RZ	AT	Oakes, M., et al., "Structural Alterations of the Nucleolus in Mutants of <i>Saccharomyces cerevisiae</i> Defective in RNA Polymerase I", <i>Molecular and Cellular Biology</i> , 13(4):2441-2455 (1993).

EXAMINER	DATE CONSIDERED
----------	-----------------

PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 0500.1618-000	APPLICATION NO. 09/461,580			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			APPLICANT Leonard Guarante, et al.				
May 9, 2000 (Use several sheets if necessary)			FILING DATE December 15, 1999	GROUP 1643			
U. S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>ft</i>	AU	Palladino, F., et al., "SIR3 and SIR4 Proteins Are Required for the Positioning and Integrity of Yeast Telomeres", <i>Cell</i> , 75:543-555 (1993).					
	AV	Sweeney, R., et al., "Extrachromosomal Elements Cause a Reduced Division Potential in nib 1 Strains of <i>Saccharomyces cerevisiae</i> ", <i>Genetics Society of America</i> , 122:749-757 (1989).					
	AW	Jamet-Vierny, C., et al., "Senescence in <i>Podospora anserina</i> : Amplification of a Mitochondrial DNA Sequence", <i>Cell</i> , 21:189-194 (1980).					
	AX	Sinclair, D.A., et al., "Extrachromosomal rDNA Circles- A Cause of Aging in Yeast", <i>Cell</i> , 91:1033-1042 (1997).					
	AY	Kennedy, B.K., et al., "Redistribution of Silencing Proteins from Telomeres to the Nucleolus Is Associated with Extension of Life Span in <i>S. cerevisiae</i> ," <i>Cell</i> , 89:381-391 (1997).					
	AZ	de Beus, E., et al., "Yeast NOP2 Encodes an Essential Nucleolar Protein with Homology to a Human Proliferation Marker," <i>J. Cell Biol.</i> , 127:1799-1812 (1994).					
	AR2	Kadowaki, T., et al., "Nuclear mRNA Accumulation Causes Nucleolar Fragmentation in Yeast <i>mtr2</i> Mutant," <i>Molecular Biology of the Cell</i> , 5:1253-1263 (1994).					
	AS2	Frye, R.A., "Characterization of Five Human cDNAs with Homology to the Yeast SIR2 Gene: Sir2-like Proteins (Sirtuins) Metabolize NAD and May Have Protein ADP-Ribosyltransferase Activity," <i>Biochemical and Biophysical Research Communications</i> , 260:273-279 (1999).					

PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 0500.1618-000	APPLICATION NO. 09/461,580			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			APPLICANT Leonard Guarante, et al.				
May 9, 2000 (Use several sheets if necessary)			FILING DATE December 15, 1999	GROUP 1643			
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<i>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
R2	AT2	"Genetic Switch Seen Affecting Mouse Aging," The Boston Globe (1999, November 18).					
R2	AU2	EST AA199012					
R2	AV2	EST AA105536					
R2	AW2	EST AA260334					
EXAMINER	<i>Robert Zeman</i>		DATE CONSIDERED <i>11/1/01</i>				